

IN THE SPECIFICATION:

Please amend the specification as follows:

Page 23, line 8: replace the equation so as to read as follows:

A1

$$\begin{bmatrix} \overline{L'_{MIF}} \\ \overline{M'_{MIF}} \\ \overline{S'_{MIF}} \end{bmatrix} = \begin{bmatrix} \overline{L_{MIF}} \\ \overline{M_{MIF}} \\ \overline{S_{MIF}} \end{bmatrix} \dots (1-16)$$

Page 33, line 6: replace the equation so as to read as follows:

A2

$$\left. \begin{aligned} L_s^* &= 116 \cdot (Y_{OP})^{1/3} - 16 \\ a_s^* &= 500 \cdot \{(X_{OP})^{1/3} - (Y_{OP})^{1/3}\} \\ b_s^* &= 200 \cdot \{(Y_{OP})^{1/3} - (Z_{OP})^{1/3}\} \\ C_s^* &= \sqrt{(a_s^*)^2 + (b_s^*)^2} \\ h_s^* &= \tan^{-1} \left( \frac{b_s^*}{a_s^*} \right) \end{aligned} \right\} \dots (2-7)$$

Page 34, bottom of page: replace the equation so as to read as follows:

$$\begin{aligned}
 & \left[ \frac{(X_{S,OUT})^{1/3} - (X_{S,OUT,K})^{1/3}}{1 - (X_{S,OUT,K})^{1/3}} \right] \gamma_{X_{OUT}} = \left[ \frac{(X_{S,IN})^{1/3} - (X_{S,IN,K})^{1/3}}{1 - (X_{S,IN,K})^{1/3}} \right] \gamma_{X_{IN}} \\
 & \left[ \frac{(Y_{S,OUT})^{1/3} - (Y_{S,OUT,K})^{1/3}}{1 - (Y_{S,OUT,K})^{1/3}} \right] \gamma_{Y_{OUT}} = \left[ \frac{(Y_{S,IN})^{1/3} - (Y_{S,IN,K})^{1/3}}{1 - (Y_{S,IN,K})^{1/3}} \right] \gamma_{Y_{IN}} \\
 & \left[ \frac{(Z_{S,OUT})^{1/3} - (Z_{S,OUT,K})^{1/3}}{1 - (Z_{S,OUT,K})^{1/3}} \right] \gamma_{Z_{OUT}} = \left[ \frac{(Z_{S,IN})^{1/3} - (Z_{S,IN,K})^{1/3}}{1 - (Z_{S,IN,K})^{1/3}} \right] \gamma_{Z_{IN}}
 \end{aligned}
 \left. \vphantom{\begin{aligned} & \left[ \frac{(X_{S,OUT})^{1/3} - (X_{S,OUT,K})^{1/3}}{1 - (X_{S,OUT,K})^{1/3}} \right] \gamma_{X_{OUT}} = \left[ \frac{(X_{S,IN})^{1/3} - (X_{S,IN,K})^{1/3}}{1 - (X_{S,IN,K})^{1/3}} \right] \gamma_{X_{IN}} \\ & \left[ \frac{(Y_{S,OUT})^{1/3} - (Y_{S,OUT,K})^{1/3}}{1 - (Y_{S,OUT,K})^{1/3}} \right] \gamma_{Y_{OUT}} = \left[ \frac{(Y_{S,IN})^{1/3} - (Y_{S,IN,K})^{1/3}}{1 - (Y_{S,IN,K})^{1/3}} \right] \gamma_{Y_{IN}} \\ & \left[ \frac{(Z_{S,OUT})^{1/3} - (Z_{S,OUT,K})^{1/3}}{1 - (Z_{S,OUT,K})^{1/3}} \right] \gamma_{Z_{OUT}} = \left[ \frac{(Z_{S,IN})^{1/3} - (Z_{S,IN,K})^{1/3}}{1 - (Z_{S,IN,K})^{1/3}} \right] \gamma_{Z_{IN}} \right\} \dots (2-9)
 \end{aligned}$$

Page 35: replace the equation so as to read as follows:

$$\begin{aligned}
 (X_{S,OUT})^{1/3} &= (1 - (X_{S,OUT,K})^{1/3}) \cdot \left[ \frac{(X_{S,IN})^{1/3} - (X_{S,IN,K})^{1/3}}{1 - (X_{S,IN,K})^{1/3}} \right]^{\gamma_{X,IN} \gamma_{X,OUT}} + (X_{S,OUT,K})^{1/3} \\
 (Y_{S,OUT})^{1/3} &= (1 - (Y_{S,OUT,K})^{1/3}) \cdot \left[ \frac{(Y_{S,IN})^{1/3} - (Y_{S,IN,K})^{1/3}}{1 - (Y_{S,IN,K})^{1/3}} \right]^{\gamma_{Y,IN} \gamma_{Y,OUT}} + (Y_{S,OUT,K})^{1/3} \\
 (Z_{S,OUT})^{1/3} &= (1 - (Z_{S,OUT,K})^{1/3}) \cdot \left[ \frac{(Z_{S,IN})^{1/3} - (Z_{S,IN,K})^{1/3}}{1 - (Z_{S,IN,K})^{1/3}} \right]^{\gamma_{Z,IN} \gamma_{Z,OUT}} + (Z_{S,OUT,K})^{1/3}
 \end{aligned}
 \quad \dots (2-10)$$